

***FlyBy Math™* Alignment**
Mathematics Standards of Learning

Measurement**Standard**

5.11 The student will choose an appropriate measuring device and unit of measure to solve problems involving measurement of

a) length — part of an inch ($\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{8}$), inches, feet, yards, miles, millimeters, centimeters, meters, and kilometers;

5.12 The student will determine an amount of elapsed time in hours and minutes within a 24-hour period.

***FlyBy Math™* Activities**

--Conduct simulation and measurement for several aircraft conflict problems.

--Calculate and measure the position and time of simulated aircraft. Represent that motion using tables, graphs, equations, and experimentation.

--Calculate and measure the position and time of simulated aircraft. Represent that motion using tables, graphs, equations, and experimentation.

Probability and Statistics**Standard**

5.18 The student will, given a problem situation, collect, organize, and display a set of numerical data in a variety of forms, using bar graphs, stem-and-leaf plots, and line graphs, to draw conclusions and make predictions.

***FlyBy Math™* Activities**

--Represent distance, rate, and time data using tables, line plots, bar graphs, and line graphs.